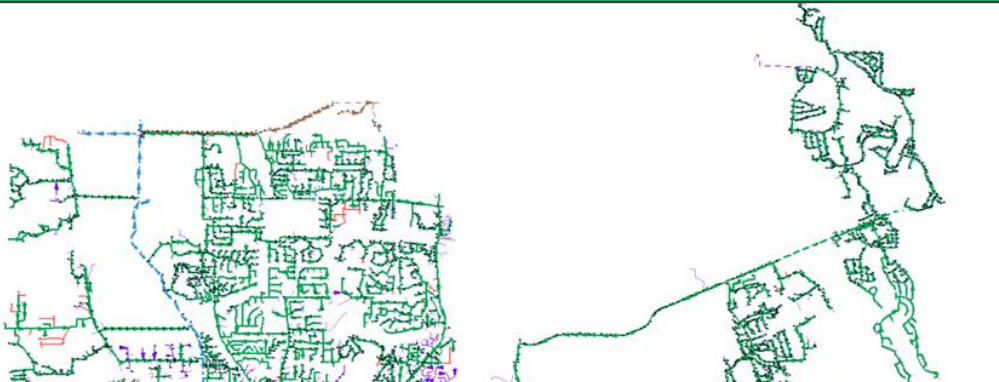


General Wastewater Plan Update

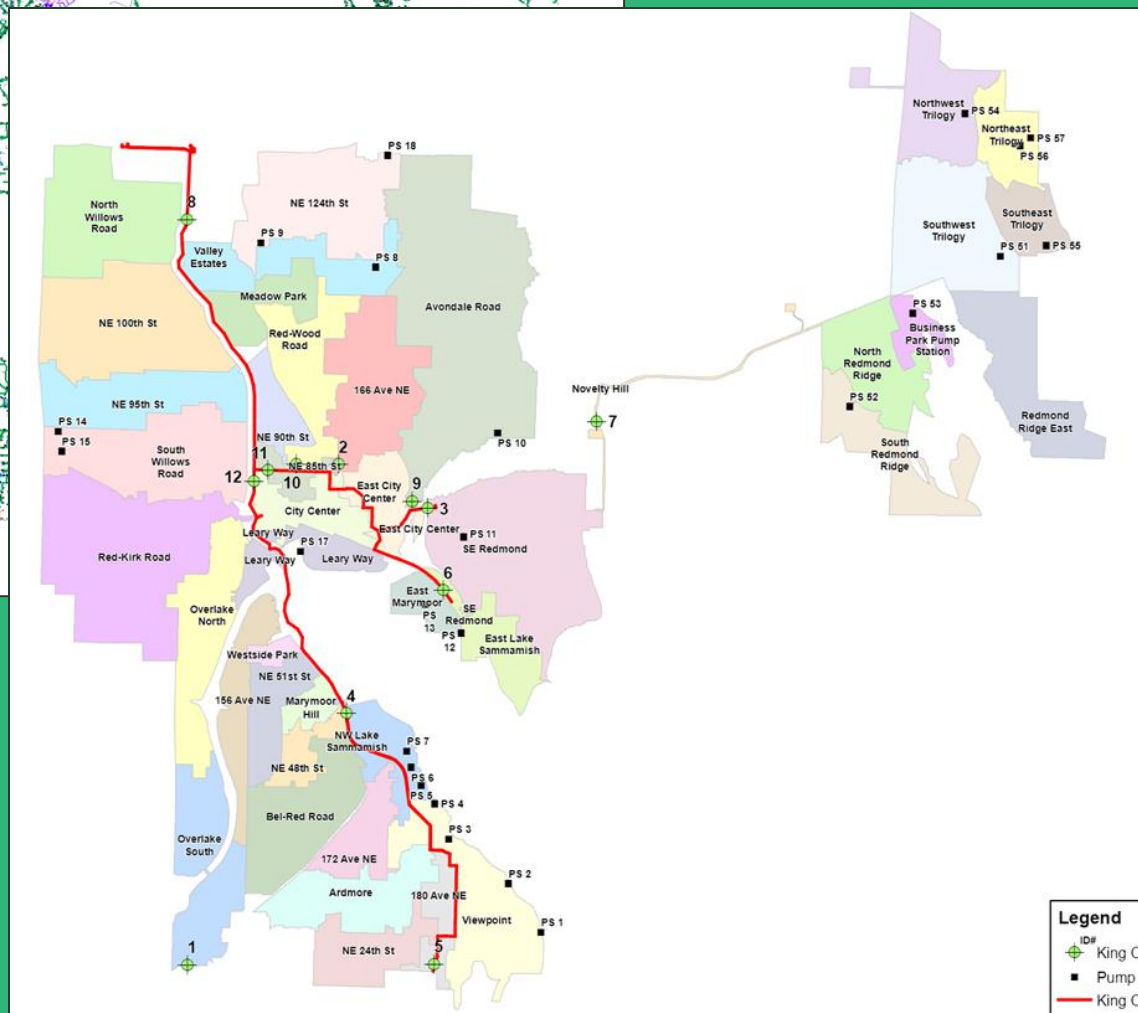
April 21, 2021

Jeff Thompson P.E., Senior Engineer





Reminder: The City's Wastewater System



Current Infrastructure

- >16,000 Connections
- 236 Miles of Pipe
- 7,335 Manholes
- 23 Lift Stations
- 42 Wastewater Drainage Basins
- Redmond's wastewater all drains to King County's Brightwater Treatment Plant in Woodinville
- >450 Parcels are still using septic systems

Reminder: General Wastewater Plan

- Functional Plan required by WA State Growth Management Act
- *Goal:* Ensure Wastewater Utility services match City's growth
- *For Developers:* ID's extensions of wastewater pipes and infrastructure
- *For City:* Used for CIP and other planning

City of Redmond
General Wastewater Plan Update
February 2021

Prepared by:

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bhc
CONSULTANTS
www.bhcconsultants.com

Today's Presentation

- Planning Commission Review
- Relation to City Vision and Comprehensive Plan
- Specific areas & issues: Urban Centers & Marymoor, Septic, & other areas of the City
- Finance
- Timelines/ Next Steps

Planning Commission Review

Goal: Review the Plan for its alignment with the City Vision & Comprehensive Plan



Review Criteria Questions

- Consistent with GMA and countywide planning policies?
- Consistent with Comprehensive Plan, including preferred growth patterns?
- Address changed conditions?

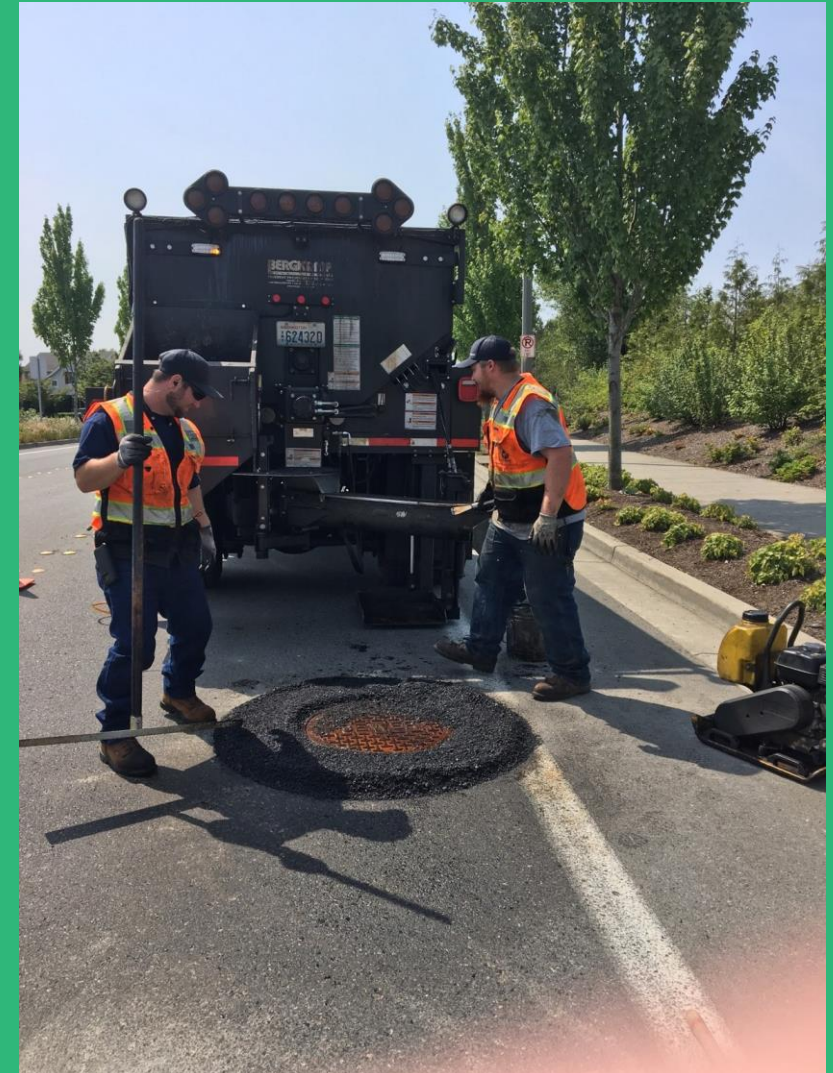


Comp Plan & City Vision

“To create a city with two vibrant urban centers in Downtown and Overlake, to enhance the livability and connections between our neighborhoods, and to deliver high-quality services in partnership with our community.”

The Plan is a functional plan

The Plan touches 32 Comp Plan Policies



Some Specific Policies

- CF-1: Create functional plans
- CF-2: Lists what functional plans should include
- CF-3: Ensure functional plans align with Comprehensive Plan & state law
- UT-1: Ensure utilities (including Wastewater) plan for growth



Defines Vision and
Policies to achieve
that Vision

**Comprehensive
Plan**

**Redmond
Zoning
Code**

Manages growth to
achieve Vision

**General
Wastewater
Plan**

Ensures the wastewater
system accommodates
growth

**Wastewater Plan
uses current
zoning as its basis**

**We acknowledge
Redmond 2050**

Anticipated Growth

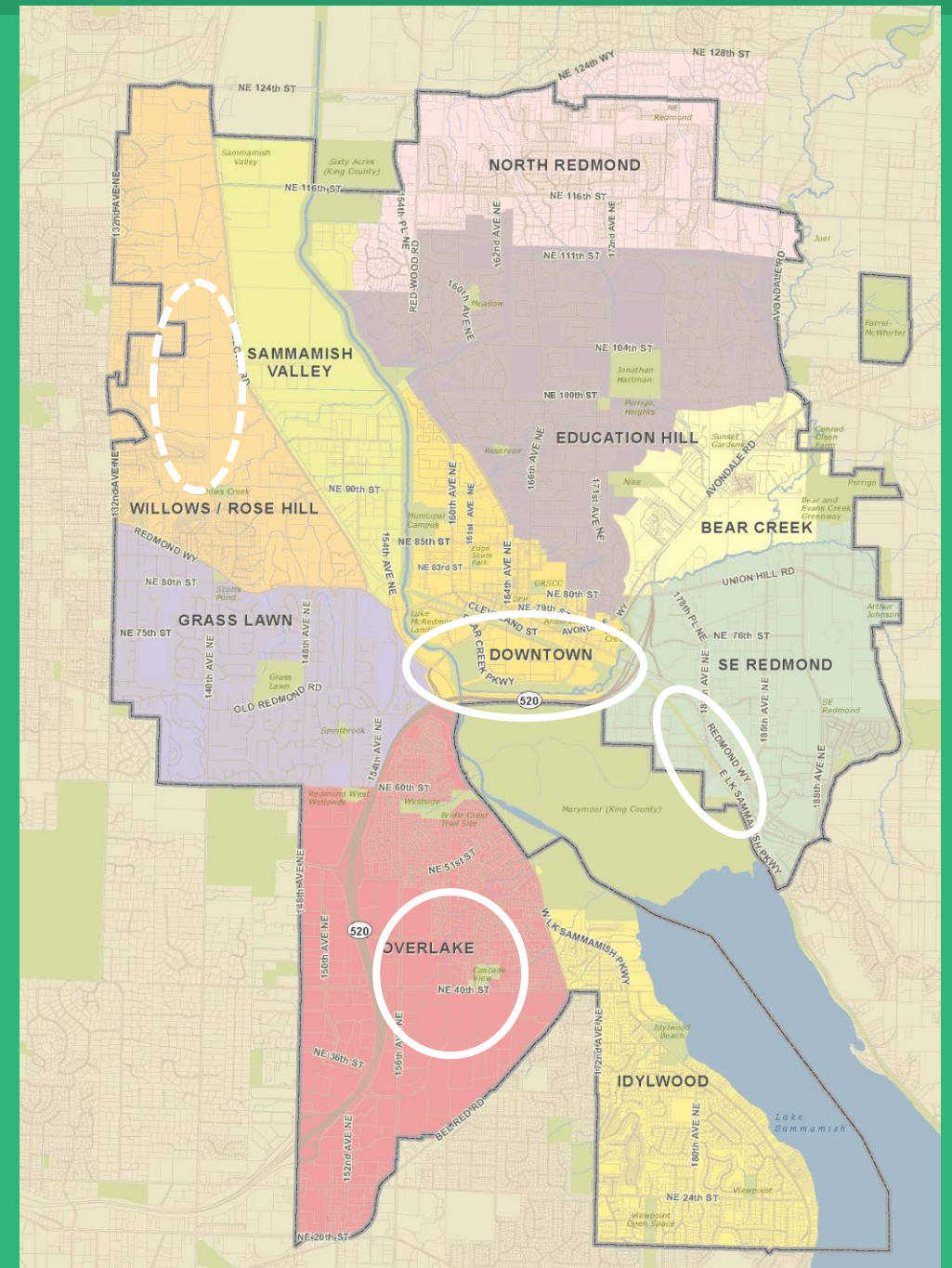
Overlake

Downtown Redmond

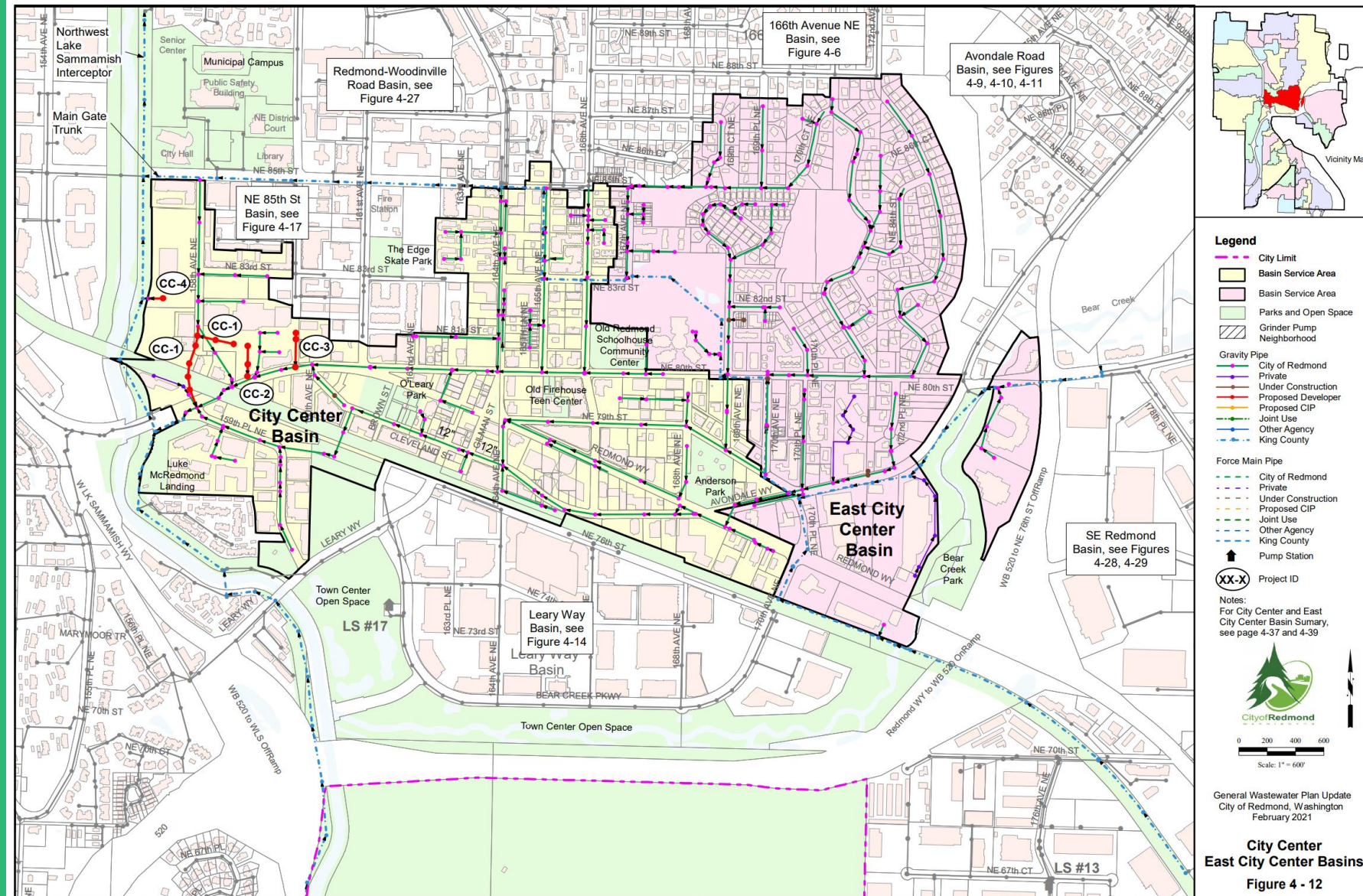
Marymoor Subarea

Areas that are not fully built-out

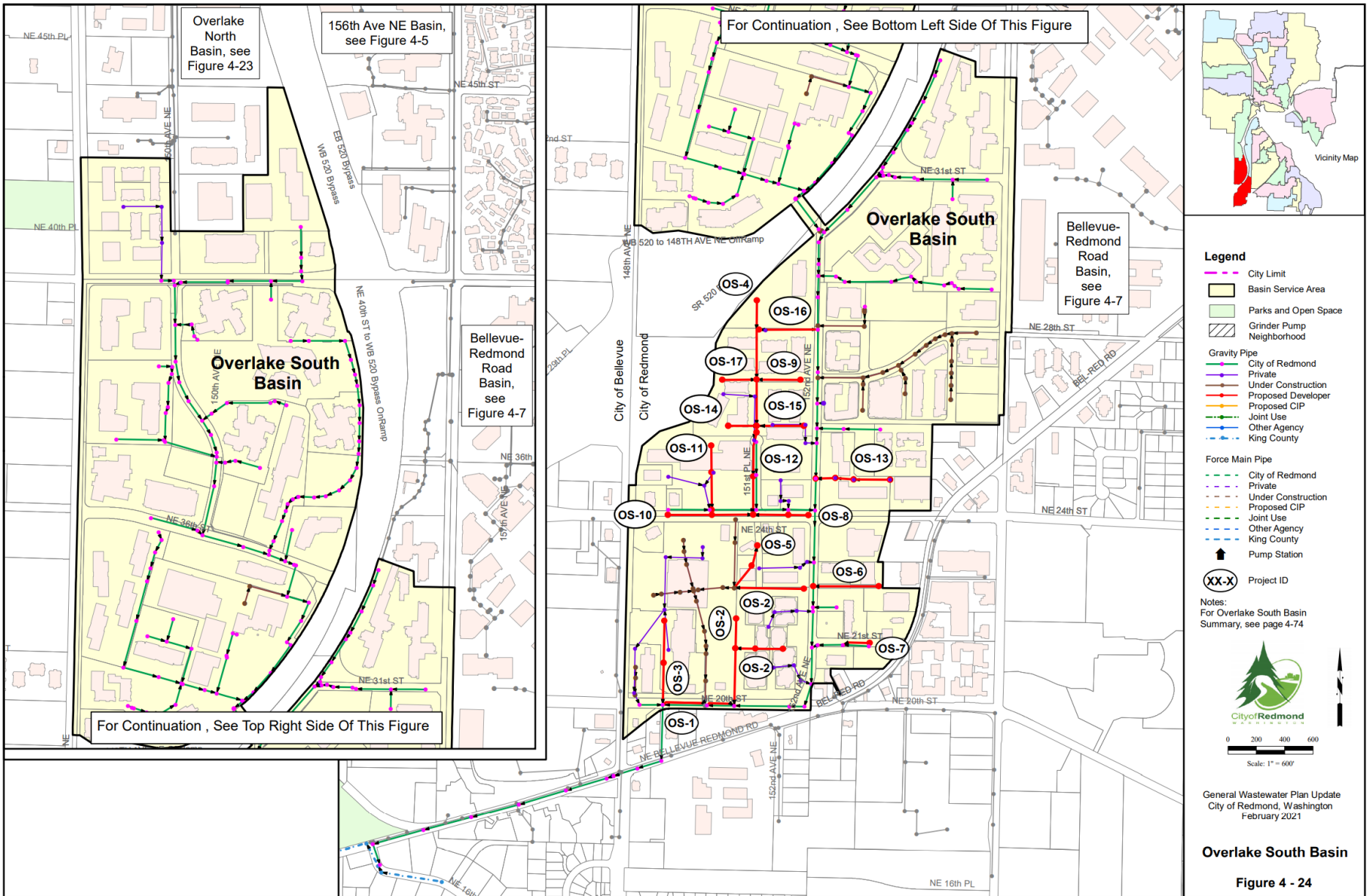
Note: many areas in the City
have near built-out conditions



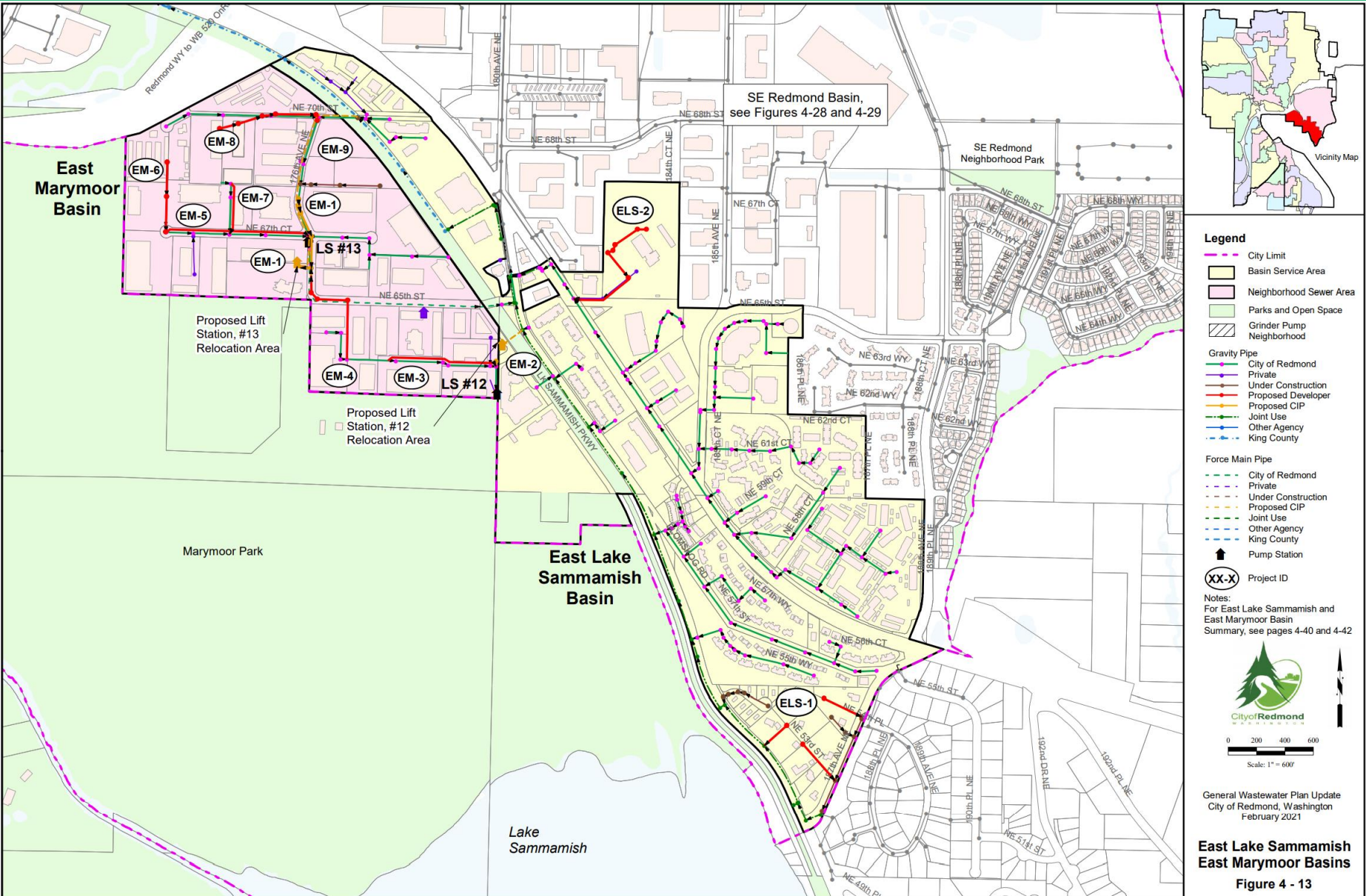
Downtown Redmond



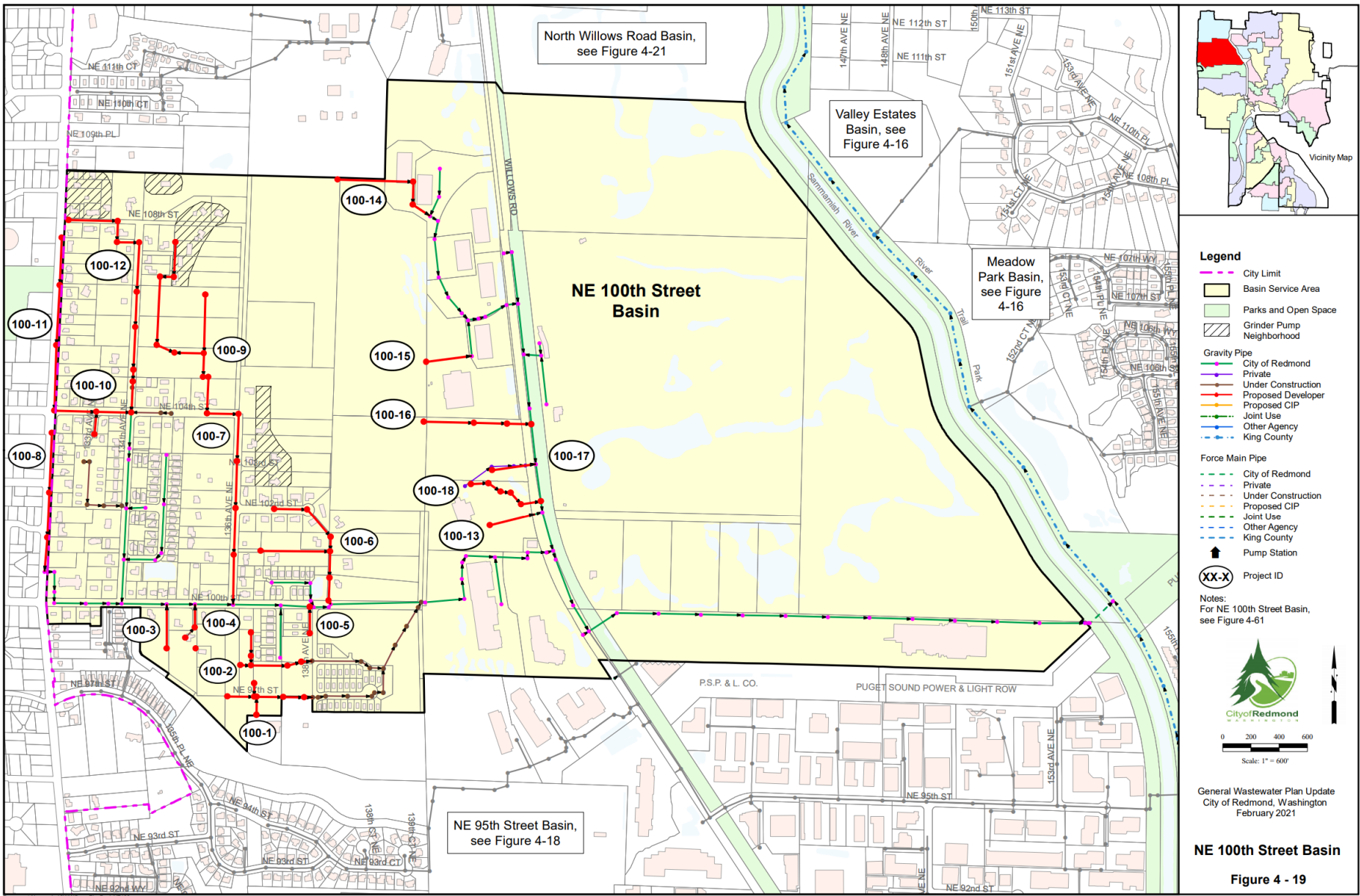
Overlake



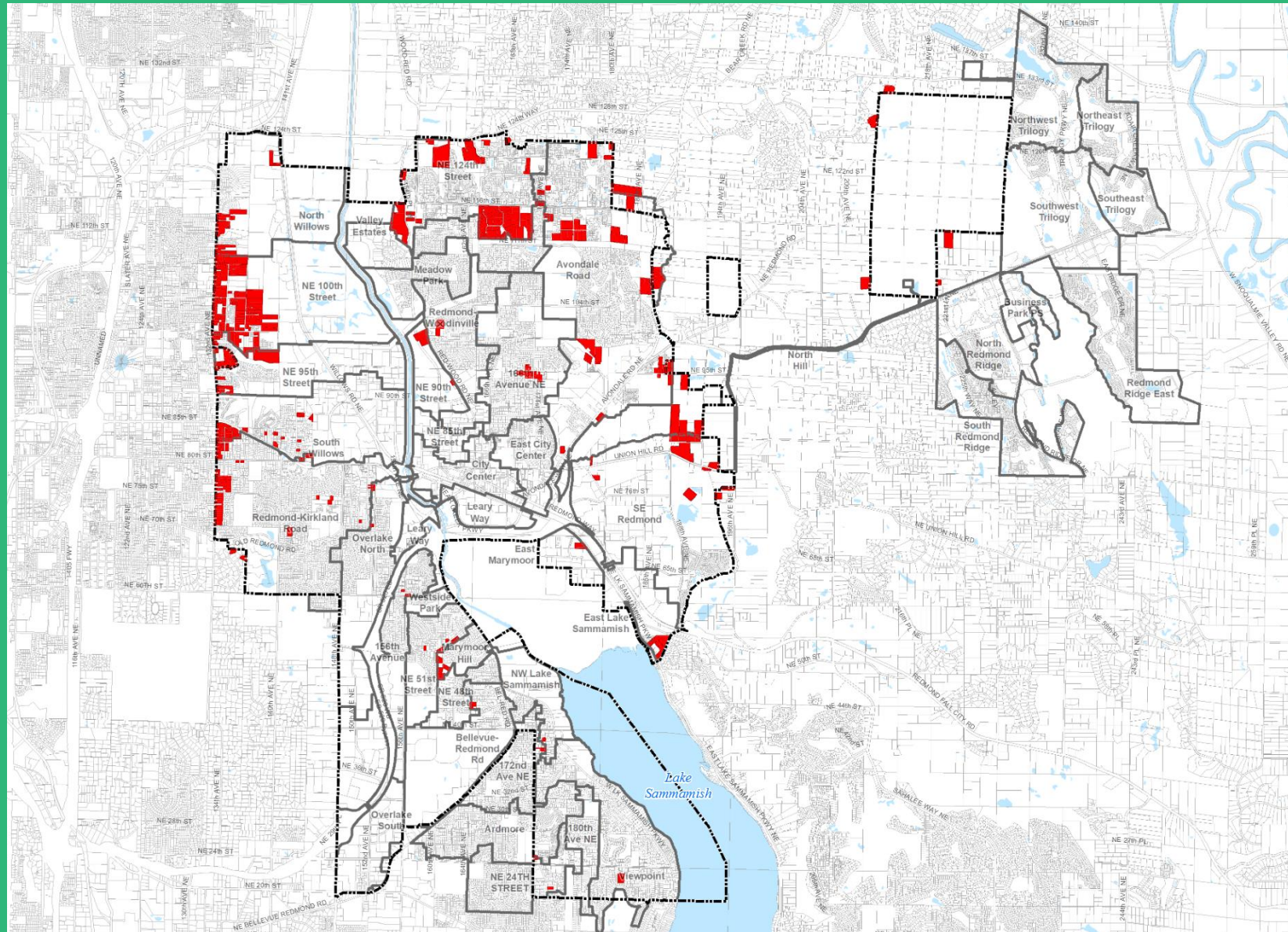
Marymoor



Example of Other Areas



Septic Systems

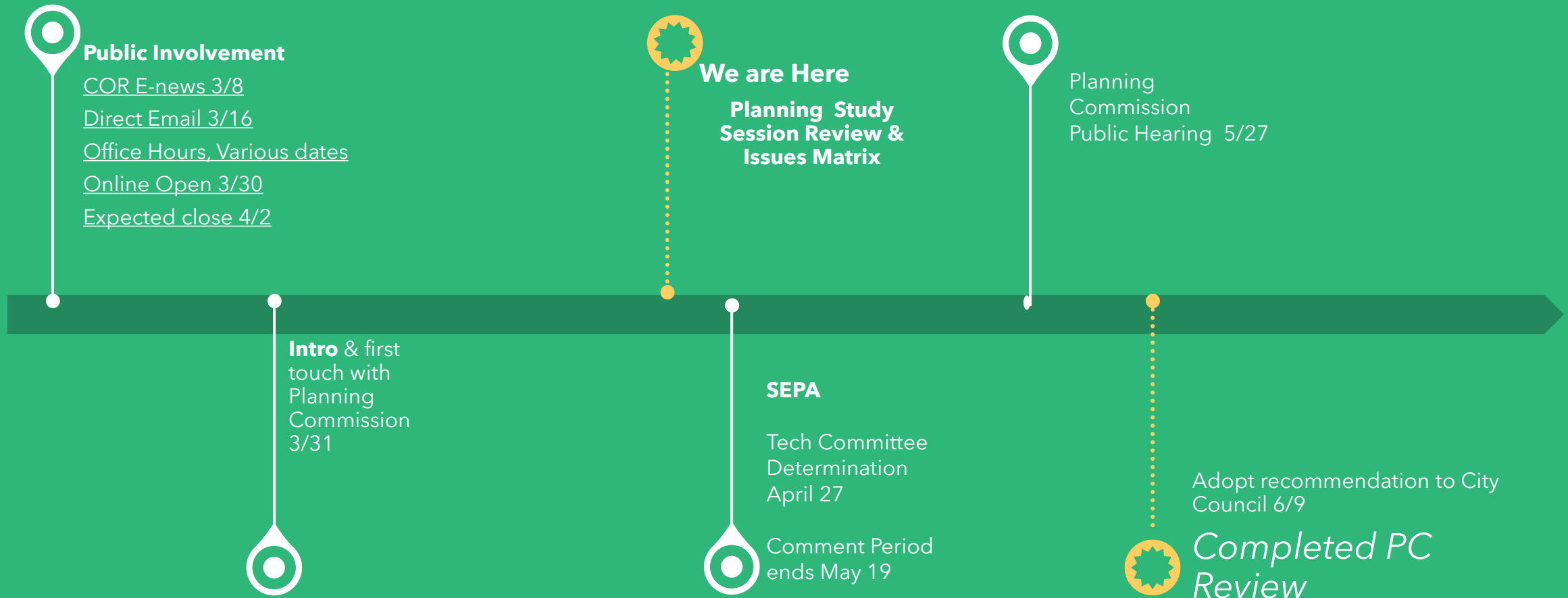


Financial Program

- Wastewater Utility Rate Study every 2 years
- City Biennial Budget adoption process reviews revenues and expenditures
- Plan identifies City project to include in City's CIP
- Many Projects in Chapter 6 have been included in latest rate projections



Wastewater System Plan – PC Review



Wastewater System Plan – Next Steps

- Address Planning Commission questions/review
 - Complete SEPA process
 - Planning Commission Public Hearing
 - Planning Commission recommendation
 - Review by neighboring jurisdictions
 - Council review and acceptance
-
- King County technical review
 - King County Council acceptance
 - Department of Ecology review and acceptance



Thank You

Any Questions?

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